

ABSTRACT

A reception quality notifying method is disclosed which improves the upstream line throughput by reducing the data mount of reception quality data of downstream multicarrier signals to be transmitted to a base station apparatus in the upstream line. There are also disclosed a base station apparatus and a wireless communication terminal apparatus of a low power consumption for use in that reception quality notifying method. In the apparatus, when a wireless communication terminal apparatus (100) receives a downstream multicarrier signal and then notifies a base station apparatus (200) of a subcarrier having a desirable reception quality for the downstream multicarrier signal, it produces reception quality data of a plurality of formats, then selects, from among the produced reception quality data, one having the lowest data mount, and then transmits the selected reception quality data to the base station apparatus (200) by use of an upstream multicarrier signal subcarrier designated by the base station apparatus (200).